



CITY OF SUGAR LAND

Engineering Department

CIP Project Number: SW1004

Title: Non-Potable Reuse Study South WWTP & Riverstone

Project Phase: PER

% of Phase Completion

PER

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Cost for this Phase: \$ 75,000

Funding Sources: System Revenues

Project Manager: Tim Jahn

Contractor: TBD

Consultant: TBD

Project Description: Study of potential applications for treated wastewater effluent from the City's South WWTP. Potential reuse application and distribution systems would be developed in conjunction with, or in addition to, reuse systems being planned by the Riverstone development via the Developer's Utility Agreement.

Justification: In the Developer's Utility Agreement between the City and Riverstone, Riverstone is able to receive 4MGD of City effluent for the purpose of supplying a reuse treatment system and subsequent non-potable uses. The City has supply beyond the 4 MGD, and as part of the surface water conversion process, wishes to explore additional reuse opportunities and/or a joint system.

Updates: **October 2009-** waiting on response from Riverstone Development as to how and when they plan to use their contracted effluent.

November 2009- no changes.

December 2009- Riverstone Development submitted Groundwater Reduction Plan (GRP) to the Fort Bend Subsidence District in November 2009, but plan of 4 MGD effluent does not meet Developer's Utility Agreement requirements for reuse per City's perspective. Therefore, decision pending with Fort Bend Subsidence District as to whether GRP will be approved. Until GRP decision made, no action will be taken to utilize effluent beyond 4 MGD.

January 2010- no changes. Still waiting to hear from FBSD as to whether GRP will be approved.